

**DRAFT****PATENT**Attorney Docket No. **GENITOPE-03849****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Denney

Serial No.: 09/370,453

Filed: 08/09/99

Entitled:

Group No.: 1642

Examiner: C. Yaen

**VACCINES FOR TREATMENT OF  
LYMPHOMA AND LEUKEMIA****DRAFT AMENDMENT - FOR DISCUSSION  
PURPOSES ONLY**

The following communication provides proposed amendments in the above-named case for discussion purposes only. These proposals are in response to the Office Action mailed April 9, 2003.

**PROPOSED AMENDMENTS TO THE CLAIMS:**

1. (Amended) A multivalent ~~vaccine~~-composition <sup>support?</sup> (for active idiotype immunotherapy) comprising at least two recombinant variable regions of immunoglobulin molecules derived from quasi-clonal B-cell lymphoma cells <sup>support?</sup> from a single patient, wherein said at least two variable regions comprise recombinant immunoglobulin molecules that differ by at least one idiotope.   
*intra clonal variation*

2. (Canceled)

3. (Amended) The ~~vaccine~~-composition of Claim 1, wherein said recombinant immunoglobulin molecules are covalently linked to an immune-enhancing cytokine.

4. (Amended) The ~~vaccine~~-composition of Claim 3, wherein said cytokine is selected from the group consisting of granulocyte-macrophage colony stimulating factor, interleukin-2 and interleukin-4.

*Summary:*  
 lymphomas  
 multiple tumor types for  
 23 molecules (in poly clonal)  
 w/ 5 parental B cell IgG

*single transgene  
 event all cells have  
 same surface Ag presentation  
 variation at gene level*

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AUG 12 2003

GROUP 1600

TO: Christopher Yaen  
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**MESSAGE:**

Draft Amendments for discussion on  
8/12/03; 11:00 AM EDT

Appln. Ser. No. 09/370,453

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*Patent, Trademark & Copyright Attorneys*

440 Science Drive Suite 203 Madison Wisconsin 53711 Tel 608.218.6900 Fax 608.218.6910

West Coast

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